

Diagnostics

gSender 1.4.11

Environment

OS: Windows NT 10.0; Win64; x64

Homing: Enabled

Soft Limits: Enabled

Home Location: 11 (Front Left)

Report Inches: Disabled

Stepper Motors: Unlocked

Machine Profile

ID: 6

Company: Sienci Labs

Name: LongMill MK2

Type: 30x30

Version: MK2

Limits:

X Max: 700

Y Max: 700

Z Max: 120

Spindle/Laser: false

Laser Mode Enabled: false

Connection

Available Ports:

0:

port: COM9

manufacturer: STMicroelectronics.

inuse: false

Connected Port: COM9

Baudrate: 115200

Unrecognized Ports:

NULL

GRBL Information

Type: grblHAL

Firmware Version: SuperLongBoard_B5.0.5b

MPos:

a: 0.000

b: 0.000

c: 0.000

x: -398.816

y: -27.670

z: 5.000

WPos:

a: 0.000

b: 0.000

c: 0.000

x: -522.105

y: 479.066

z: 27.027

Sender Status:

Modal:

NULL

Tool: NULL

Workflow State: idle

Homing Flag: false

Preferences

Jog Presets:

Rapid:

xyStep: 20

zStep: 10

aStep: 20

xaStep: 20

feedrate: 5000

Normal:

xyStep: 5

zStep: 2

aStep: 5

xaStep: 5

feedrate: 3000

Precise:

xyStep: 0.5

zStep: 0.1

aStep: 0.5

xaStep: 0.5

feedrate: 1000

Workspace Units: mm

Laser: Disabled

Rotary: Disabled

EEPROM Values

Setting	Value
\$0	5.0
\$1	254
\$2	0
\$3	7
\$4	15
\$5	15
\$6	1
\$8	0
\$9	1
\$10	511
\$11	0.010
\$12	0.002
\$13	0
\$14	14
\$15	0
\$16	0
\$17	0
\$18	0
\$19	0
\$20	1
\$21	1
\$22	1
\$23	11
\$24	150.0
\$25	4300.0
\$26	25
\$27	2.500
\$28	0.100
\$29	0.0
\$30	24000.000
\$31	7500.000
\$32	0
\$33	1000.0
\$34	0.0
\$35	0.0
\$36	100.0
\$37	0
\$39	1
\$40	1

\$41	1
\$42	2
\$43	1
\$44	4
\$45	3
\$46	0
\$47	0
\$56	5.0
\$57	100.0
\$58	-5.0
\$59	500.0
\$60	1
\$61	3
\$62	0
\$63	3
\$64	0
\$65	0
\$70	11
\$100	800.000
\$101	800.000
\$102	800.000
\$103	79.012
\$110	5500.000
\$111	5500.000
\$112	4500.000
\$113	8000.000
\$120	1000.000
\$121	1000.000
\$122	750.000
\$123	1000.000
\$130	700.000
\$131	700.000
\$132	120.000
\$133	0.000
\$140	2800
\$141	2800
\$142	2800
\$143	0
\$150	32
\$151	32
\$152	32
\$153	16
\$180	150.0

\$181	150.0
\$182	150.0
\$183	150.0
\$190	4300.0
\$191	4300.0
\$192	4300.0
\$193	4300.0
\$200	22.0
\$201	22.0
\$202	22.0
\$203	22.0
\$210	35
\$211	35
\$212	35
\$213	50
\$220	22.0
\$221	22.0
\$222	22.0
\$223	22.0
\$300	grblHAL
\$301	0
\$302	192.168.5.1
\$303	192.168.5.1
\$304	255.255.255.0
\$305	23
\$307	80
\$308	21
\$338	7
\$339	0
\$340	0.0
\$341	0
\$342	30.0
\$343	25.0
\$344	200.0
\$345	200.0
\$346	1
\$370	0
\$372	0
\$374	3
\$375	50
\$376	1
\$384	0
\$392	4.0

\$393	1.0
\$395	0
\$398	128
\$450	1
\$451	2
\$452	4
\$453	G4P0
\$454	G4P0
\$455	G4P0
\$456	0
\$457	2
\$458	0
\$459	2
\$462	8192
\$463	8193
\$464	8451
\$465	18
\$466	34
\$467	1
\$468	50.0
\$469	60.0
\$470	60.0
\$471	100.0
\$479	4
\$481	0
\$484	0
\$486	0
\$511	7
\$512	8
\$513	5
\$520	0
\$521	0
\$523	0
\$650	1
\$651	1
\$652	0
\$653	2
\$654	8
\$655	0
\$656	1
\$657	22
\$658	7
\$659	3

\$660	0
\$661	3
\$662	0
\$663	41759
\$664	0
\$665	1
\$666	0
\$668	1
\$730	255.000
\$731	0.000
\$733	1000.0
\$734	0.0
\$735	0.0
\$736	100.0
\$741	0.000
\$742	0.000
\$743	0

Recent Alarms

1/19/2025, 10:29:19 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 5:44:37 PM

EStop asserted. Clear and reset

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 5:13:30 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 5:07:43 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 4:31:10 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 4:30:30 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 4:04:40 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 4:03:47 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 11:56:44 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 11:55:25 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 11:50:17 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 10:47:15 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 5:10:22 PM

EStop asserted. Clear and reset

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/7/2025, 3:38:03 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/7/2025, 3:04:01 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/7/2025, 3:01:39 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/7/2025, 3:00:33 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 2:59:25 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 2:58:02 PM

Homing fail. Pull off travel failed to clear limit switch. Try increasing pull-off setting or check wiring.

Input: N/A Controller: grbIHAL

1/7/2025, 2:57:36 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 2:37:17 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 2:23:49 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 2:14:19 PM

Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained.

Alarm may be safely unlocked.

Input: N/A Controller: grbIHAL

1/7/2025, 2:14:15 PM

Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained.
Alarm may be safely unlocked.

Input: N/A Controller: grbIHAL

1/7/2025, 2:13:20 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 1:31:30 PM

Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained.
Alarm may be safely unlocked.

Input: N/A Controller: grbIHAL

1/7/2025, 1:31:16 PM

Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained.
Alarm may be safely unlocked.

Input: N/A Controller: grbIHAL

1/7/2025, 1:29:49 PM

Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained.
Alarm may be safely unlocked.

Input: N/A Controller: grbIHAL

1/7/2025, 1:28:59 PM

Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained.
Alarm may be safely unlocked.

Input: N/A Controller: grbIHAL

1/7/2025, 1:28:49 PM

Soft limit alarm. G-code motion target exceeds machine travel. Machine position retained.
Alarm may be safely unlocked.

Input: N/A Controller: grbIHAL

1/7/2025, 1:26:50 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 1:25:53 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 1:24:15 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/7/2025, 1:12:37 PM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

1/5/2025, 6:03:48 PM

EStop asserted. Clear and reset

Input: \$\$ Controller: grbIHAL

1/5/2025, 3:52:39 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/5/2025, 3:51:59 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/5/2025, 3:51:17 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/5/2025, 3:37:54 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/5/2025, 2:54:47 PM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

1/4/2025, 10:51:42 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/3/2025, 4:49:12 PM

EStop asserted. Clear and reset

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/3/2025, 1:30:43 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/3/2025, 1:30:09 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: \$rst=\$ Controller: grbIHAL

1/3/2025, 1:10:48 PM

EStop asserted. Clear and reset

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/3/2025, 1:05:57 PM

EStop asserted. Clear and reset

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/3/2025, 1:05:40 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grblHAL

1/3/2025, 1:05:06 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grblHAL

1/3/2025, 1:04:25 PM

EStop asserted. Clear and reset

Input: \$rst=\$ Controller: grblHAL

1/3/2025, 1:04:25 PM

EStop asserted. Clear and reset

Input: \$rst=\$ Controller: grblHAL

1/3/2025, 10:13:34 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grblHAL

1/3/2025, 10:13:34 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grblHAL

1/3/2025, 10:02:16 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grblHAL

1/3/2025, 9:57:24 AM

EStop asserted. Clear and reset

Input: \$rst=\$ Controller: grblHAL

12/31/2024, 3:06:55 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: Grbl

12/31/2024, 3:02:53 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: Grbl

12/31/2024, 2:54:30 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: Grbl

12/31/2024, 2:17:12 PM

EStop asserted. Clear and reset

Input: N/A Controller: grblHAL

12/31/2024, 2:13:19 PM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/31/2024, 2:05:49 PM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/31/2024, 1:53:43 PM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 2:20:41 PM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 2:09:16 PM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 1:02:00 PM

EStop asserted. Clear and reset

Input: (VECTRIC POST REVISION) Controller: grbIHAL

12/26/2024, 9:59:38 AM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 9:13:03 AM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 8:31:16 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 8:29:49 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 8:29:19 AM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 8:29:19 AM

Homing fail. The active homing cycle was reset.

Input: N/A Controller: grbIHAL

12/26/2024, 8:23:08 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 8:18:41 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing

is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 8:18:21 AM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 7:24:23 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 7:19:13 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 7:18:40 AM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 7:18:40 AM

Homing fail. The active homing cycle was reset.

Input: N/A Controller: grbIHAL

12/26/2024, 7:15:39 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 7:12:47 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 7:12:10 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 7:06:18 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 7:04:42 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 6:49:37 AM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 6:48:09 AM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/26/2024, 6:48:08 AM

Homing fail. The active homing cycle was reset.

Input: N/A Controller: grbIHAL

12/26/2024, 6:47:53 AM

Homing fail. Pull off travel failed to clear limit switch. Try increasing pull-off setting or check wiring.

Input: N/A Controller: grbIHAL

12/26/2024, 6:44:56 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 6:44:10 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 6:39:27 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 6:16:44 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/26/2024, 6:16:28 AM

Hard limit has been triggered. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: N/A Controller: grbIHAL

12/25/2024, 8:58:37 PM

EStop asserted. Clear and reset

Input: (VECTRIC POST REVISION) Controller: grbIHAL

12/25/2024, 8:23:24 PM

Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

12/25/2024, 8:21:44 PM

EStop asserted. Clear and reset

Input: N/A Controller: grbIHAL

12/25/2024, 8:21:44 PM

Homing fail. The active homing cycle was reset.

Input: N/A Controller: grbIHAL

Recent Errors

1/19/2025, 10:29:40 AM

G-code words consist of a letter and a value. Letter was not found.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 5:13:34 PM

G-code words consist of a letter and a value. Letter was not found.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 4:32:26 PM

G-code words consist of a letter and a value. Letter was not found.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 11:55:36 AM

G-code words consist of a letter and a value. Letter was not found.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/15/2025, 10:47:25 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grbIHAL

1/7/2025, 2:23:51 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grbIHAL

1/7/2025, 2:14:21 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grbIHAL

1/7/2025, 1:31:34 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grbIHAL

1/7/2025, 1:29:52 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grbIHAL

1/7/2025, 1:26:29 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grbIHAL

1/7/2025, 1:24:33 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grbIHAL

1/7/2025, 1:12:42 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grbIHAL

1/3/2025, 1:30:13 PM

G-code words consist of a letter and a value. Letter was not found.

Input: (VECTRIC POST REVISION) Controller: grbIHAL

1/3/2025, 1:05:49 PM

G-code words consist of a letter and a value. Letter was not found.

Input: (VECTRIC POST REVISION) Controller: grblHAL

1/3/2025, 1:05:48 PM

G-code words consist of a letter and a value. Letter was not found.

Input: (VECTRIC POST REVISION) Controller: grblHAL

1/3/2025, 1:05:11 PM

G-code words consist of a letter and a value. Letter was not found.

Input: (VECTRIC POST REVISION) Controller: grblHAL

12/31/2024, 3:13:52 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: Grbl

12/31/2024, 3:13:09 PM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: Grbl

12/31/2024, 1:47:04 PM

Setting is not available, possibly due to limited driver support.

Input: N/A Controller: grblHAL

12/26/2024, 2:38:20 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

12/26/2024, 2:38:17 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

12/26/2024, 2:38:06 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

12/26/2024, 8:30:59 AM

Grbl '\$' command cannot be used unless Grbl is IDLE. Ensures smooth operation during a job.

Input: N/A Controller: grblHAL

12/26/2024, 8:18:21 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grblHAL

12/26/2024, 7:15:57 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grblHAL

12/26/2024, 7:15:55 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grblHAL

12/26/2024, 7:12:20 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grblHAL

12/26/2024, 7:04:51 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grblHAL

12/26/2024, 6:39:48 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grblHAL

12/26/2024, 6:16:47 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grblHAL

12/26/2024, 6:16:34 AM

G-code words consist of a letter and a value. Letter was not found.

Input: N/A Controller: grblHAL

12/25/2024, 8:25:54 PM

Setting is not available, possibly due to limited driver support.

Input: N/A Controller: grblHAL

12/25/2024, 8:25:54 PM

Setting is not available, possibly due to limited driver support.

Input: N/A Controller: grblHAL

11/25/2024, 5:33:04 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 5:32:58 PM

Input: \$x Controller: Grbl

11/25/2024, 5:31:29 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 5:31:17 PM

Input: N/A Controller: Grbl

11/25/2024, 5:30:45 PM

Input: N/A Controller: Grbl

11/25/2024, 4:43:52 PM

Input: N/A Controller: Grbl

11/25/2024, 4:40:53 PM

Input: N/A Controller: Grbl

11/25/2024, 4:39:37 PM

Input: \$x Controller: Grbl

11/25/2024, 4:39:20 PM

Input: N/A Controller: Grbl

11/25/2024, 4:39:18 PM

Input: N/A Controller: Grbl

11/25/2024, 4:38:56 PM

Input: N/A Controller: Grbl

11/25/2024, 4:34:28 PM

Input: \$x Controller: Grbl

11/25/2024, 4:32:47 PM

G-code commands are locked out during alarm or jog state.

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 4:31:02 PM

G-code commands are locked out during alarm or jog state.

Input: N/A Controller: Grbl

11/25/2024, 4:23:55 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 4:23:50 PM

Input: \$x Controller: Grbl

11/25/2024, 4:23:14 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 4:22:48 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 4:22:40 PM

Input: \$x Controller: Grbl

11/25/2024, 4:15:58 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 4:15:57 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 4:15:54 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:57:36 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:57:35 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:57:20 PM

Input: N/A Controller: Grbl

11/25/2024, 3:57:18 PM

Input: N/A Controller: Grbl

11/25/2024, 3:57:11 PM

Input: N/A Controller: Grbl

11/25/2024, 3:47:05 PM

Input: \$rst=\$ Controller: Grbl

11/25/2024, 3:42:38 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:24:56 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:24:12 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:24:11 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:23:01 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:22:59 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:22:36 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:22:35 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:22:31 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:22:28 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:22:27 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:22:26 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:22:24 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:53 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:52 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:31 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:29 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:17 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:16 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:14 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:12 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:10 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:21:07 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:20:57 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:20:56 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:20:41 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:20:40 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:20:23 PM

Input: N/A Controller: Grbl

11/25/2024, 3:20:20 PM

Input: N/A Controller: Grbl

11/25/2024, 3:20:07 PM

Input: N/A Controller: Grbl

11/25/2024, 3:20:01 PM

Input: N/A Controller: Grbl

11/25/2024, 3:20:00 PM

Input: N/A Controller: Grbl

11/25/2024, 3:19:54 PM

Input: N/A Controller: Grbl

11/25/2024, 3:19:52 PM

Input: N/A Controller: Grbl

11/25/2024, 3:19:27 PM

Input: N/A Controller: Grbl

11/25/2024, 3:19:25 PM

Input: N/A Controller: Grbl

11/25/2024, 3:18:02 PM

Input: N/A Controller: Grbl

11/25/2024, 3:17:57 PM

Input: N/A Controller: Grbl

11/25/2024, 3:17:20 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:17:19 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:17:18 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:17:17 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:17:15 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/25/2024, 3:12:00 PM

Input: N/A Controller: Grbl

11/25/2024, 3:12:00 PM

Input: N/A Controller: Grbl

11/25/2024, 3:11:55 PM

Input: N/A Controller: Grbl

11/25/2024, 3:11:53 PM

Input: N/A Controller: Grbl

11/22/2024, 3:53:53 PM

Input: N/A Controller: Grbl

11/22/2024, 3:53:52 PM

Input: N/A Controller: Grbl

11/22/2024, 3:53:51 PM

Input: N/A Controller: Grbl

11/22/2024, 3:24:36 PM

Input: (VECTRIC POST REVISION) Controller: Grbl

11/22/2024, 3:23:12 PM

Input: N/A Controller: Grbl

11/22/2024, 3:23:12 PM

Input: N/A Controller: Grbl

11/22/2024, 3:23:11 PM

Input: N/A Controller: Grbl

11/22/2024, 3:23:09 PM

Input: N/A Controller: Grbl

Terminal History

G21 G90 G0 X-92.251 Y89.873

ok

G21 G90 G0 X-92.263 Y89.861

ok

G21 G90 G0 X-92.275 Y89.849

ok

G21 G90 G0 X-92.287 Y89.836

ok

G21 G90 G0 X-92.299 Y89.824

ok

G21 G90 G0 X-92.322 Y89.799

ok

G21 G90 G0 X-92.345 Y89.773

ok

G21 G90 G0 X-92.356 Y89.761

ok

G21 G90 G0 X-92.368 Y89.748

ok

G21 G90 G0 X-97.556 Y83.692

ok

G21 G90 G0 X-129.178 Y46.505

ok

G21 G90 G0 X-148.145 Y36.232

ok

G21 G90 G0 X-156.046 Y34.269

ok

G21 G90 G0 X-162.840 Y31.452

ok

G21 G90 G0 X-169.053 Y28.456

ok

G21 G90 G0 X-197.115 Y29.174

ok

G21 G90 G0 X-197.135 Y29.194
ok
G21 G90 G0 X-197.196 Y29.253
ok
G21 G90 G0 X-197.238 Y29.292
ok
G21 G90 G0 X-197.259 Y29.311
ok
G21 G90 G0 X-197.280 Y29.330
ok
G21 G90 G0 X-197.323 Y29.367
ok
G21 G90 G0 X-197.344 Y29.385
ok
G21 G90 G0 X-197.410 Y29.439
ok
G21 G90 G0 X-197.477 Y29.491
ok
G21 G90 G0 X-197.546 Y29.541
ok
G21 G90 G0 X-197.569 Y29.557
ok
G21 G90 G0 X-197.592 Y29.573
ok
G21 G90 G0 X-197.640 Y29.605
ok
G21 G90 G0 X-197.663 Y29.620
ok
G21 G90 G0 X-197.687 Y29.635
ok
G21 G90 G0 X-197.735 Y29.665
ok
G21 G90 G0 X-197.760 Y29.680
ok
G21 G90 G0 X-197.784 Y29.694
ok
G21 G90 G0 X-200.001 Y30.987
ok
G21 G90 G0 X-200.045 Y31.012
ok
G21 G90 G0 X-200.090 Y31.037
ok
G21 G90 G0 X-200.180 Y31.084
ok
G21 G90 G0 X-200.226 Y31.106
ok
G21 G90 G0 X-200.272 Y31.128
ok
G21 G90 G0 X-200.319 Y31.149
ok
G21 G90 G0 X-200.366 Y31.169
ok
G21 G90 G0 X-211.295 Y35.720
ok
G21 G90 G0 X-213.519 Y38.359
ok

G21 G90 G0 X-213.539 Y38.382
ok
G21 G90 G0 X-213.559 Y38.405
ok
G21 G90 G0 X-213.599 Y38.450
ok
G21 G90 G0 X-213.640 Y38.494
ok
G21 G90 G0 X-213.661 Y38.516
ok
G21 G90 G0 X-213.725 Y38.581
ok
G21 G90 G0 X-213.769 Y38.623
ok
G21 G90 G0 X-213.814 Y38.664
ok
G21 G90 G0 X-213.836 Y38.684
ok
G21 G90 G0 X-213.859 Y38.704
ok
G21 G90 G0 X-213.905 Y38.744
ok
G21 G90 G0 X-213.928 Y38.763
ok
G21 G90 G0 X-213.975 Y38.801
ok
G21 G90 G0 X-213.999 Y38.820
ok
G21 G90 G0 X-214.047 Y38.856
ok
G21 G90 G0 X-214.096 Y38.892
ok
G21 G90 G0 X-214.121 Y38.910
ok
G21 G90 G0 X-214.146 Y38.927
ok
G21 G90 G0 X-214.171 Y38.944
ok
G21 G90 G0 X-214.196 Y38.961
ok
G21 G90 G0 X-216.271 Y40.334
ok
G21 G90 G0 X-216.370 Y40.396
ok
G21 G90 G0 X-216.470 Y40.455
ok
G21 G90 G0 X-216.573 Y40.510
ok
G21 G90 G0 X-216.677 Y40.562
ok
G21 G90 G0 X-216.784 Y40.609
ok
G21 G90 G0 X-216.892 Y40.653
ok
G21 G90 G0 X-217.002 Y40.692
ok

G21 G90 G0 X-217.113 Y40.728
ok
G21 G90 G0 X-217.225 Y40.759
ok
G21 G90 G0 X-217.338 Y40.786
ok
G21 G90 G0 X-217.453 Y40.809
ok
G21 G90 G0 X-217.568 Y40.828
ok
G21 G90 G0 X-217.683 Y40.843
ok
G21 G90 G0 X-217.799 Y40.853
ok
G21 G90 G0 X-217.916 Y40.859
ok
G21 G90 G0 X-218.032 Y40.861
ok
G21 G90 G0 X-218.149 Y40.858
ok
G21 G90 G0 X-218.265 Y40.852
ok
G21 G90 G0 X-218.381 Y40.841
ok
G21 G90 G0 X-218.497 Y40.825
ok
G21 G90 G0 X-218.612 Y40.806
ok
G21 G90 G0 X-218.726 Y40.782
ok
G21 G90 G0 X-218.839 Y40.754
ok
G21 G90 G0 X-218.951 Y40.722
ok
G21 G90 G0 X-219.062 Y40.686
ok
G21 G90 G0 X-219.171 Y40.646
ok
G21 G90 G0 X-219.279 Y40.602
ok
G21 G90 G0 X-219.385 Y40.554
ok
G21 G90 G0 X-219.490 Y40.502
ok
G21 G90 G0 X-219.592 Y40.446
ok
G21 G90 G0 X-221.418 Y39.407
ok
G21 G90 G0 X-221.484 Y39.368
ok
G21 G90 G0 X-221.550 Y39.327
ok
G21 G90 G0 X-221.614 Y39.285
ok
G21 G90 G0 X-221.678 Y39.242
ok

G21 G90 G0 X-221.740 Y39.197
ok
G21 G90 G0 X-221.801 Y39.150
ok
G21 G90 G0 X-221.861 Y39.102
ok
G21 G90 G0 X-221.920 Y39.053
ok
G21 G90 G0 X-221.978 Y39.002
ok
G21 G90 G0 X-265.002 Y-1.021
ok
G21 G90 G0 X-266.441 Y-1.839
ok
G21 G90 G0 X-267.136 Y-2.263
ok
G21 G90 G0 X-267.786 Y-2.684
ok
G21 G90 G0 X-268.403 Y-3.113
ok
G21 G90 G0 X-268.926 Y-3.508
ok
G21 G90 G0 X-268.971 Y-3.542
ok
G21 G90 G0 X-269.014 Y-3.577
ok
G21 G90 G0 X-269.058 Y-3.613
ok
G21 G90 G0 X-269.079 Y-3.631
ok
G21 G90 G0 X-269.100 Y-3.649
ok
G21 G90 G0 X-269.122 Y-3.668
ok
G21 G90 G0 X-269.184 Y-3.725
ok
G21 G90 G0 X-269.225 Y-3.763
ok
G21 G90 G0 X-269.245 Y-3.783
ok
G21 G90 G0 X-269.304 Y-3.843
ok
G21 G90 G0 X-269.323 Y-3.863
ok
G21 G90 G0 X-269.380 Y-3.925
ok
G21 G90 G0 X-269.399 Y-3.946
ok
G21 G90 G0 X-269.436 Y-3.989
ok
G21 G90 G0 X-269.454 Y-4.010
ok
G21 G90 G0 X-269.507 Y-4.076
ok
G21 G90 G0 X-270.786 Y-5.726
ok

G21 G90 G0 X-270.850 Y-5.810
ok
G21 G90 G0 X-270.881 Y-5.854
ok
G21 G90 G0 X-270.940 Y-5.941
ok
G21 G90 G0 X-270.968 Y-5.986
ok
G21 G90 G0 X-270.996 Y-6.031
ok
G21 G90 G0 X-271.023 Y-6.077
ok
G21 G90 G0 X-271.075 Y-6.169
ok
G21 G90 G0 X-271.123 Y-6.263
ok
G21 G90 G0 X-271.146 Y-6.311
ok
G21 G90 G0 X-271.168 Y-6.359
ok
G21 G90 G0 X-271.190 Y-6.408

\x18

ALARM:3 (Reset while in motion. Machine position is likely lost due to sudden halt. Re-homing is highly recommended.)

GrbIHAL 1.1f ['\$' or '\$HELP' for help]

[MSG:'\$H'|'\$X' to unlock]

ok

ok

ok

ok

0 - SLB_SPINDLE, enabled as spindle 0, DIV, current

1 - Huanyang v1

2 - Huanyang P2A

3 - Durapulse GS20

4 - Yalang YS620

5 - MODVFD, enabled as spindle 3, SDV

6 - H-100

7 - SLB_LASER, enabled as spindle 1, DIRV

ok

\$X

[MSG:Caution: Unlocked]

ok

error:1 (Expected command letter)

\$J=G21G91 X-10000 Y10000 F5000

ok

\x85

G-Code File

Status	Value
Name	Profile 2_1-Profile 2.gcode
Sent	0

Received	0
Total	885

(VECTRIC POST REVISION)
(2410E23C85915A17A0D6BB4BFA509A68)

T1
G17
G21
G90
G0Z23.114
G0X0.000Y0.000
S18000M3
G0X-11.659Y75.713
G0Z22.860
G0Z5.080
G1Z-5.637F1016.0
G1X-9.671Y76.192F2032.0
G1X-8.245Y76.877
G1X-5.658Y78.729
G1X1.155Y86.924
G1X3.405Y89.732
G2X4.054Y90.342I2.477J-1.986
G1X6.218Y91.866
G2X7.282Y92.352I1.829J-2.596
G1X9.189Y92.825
G2X11.208Y92.660I0.765J-3.082
G1X14.065Y91.431
G2X14.603Y91.135I-1.255J-2.917
G1X22.311Y85.863
G2X22.828Y85.421I-1.793J-2.621
G1X35.278Y72.219
G1X42.184Y66.444
G1X49.249Y61.439
G1X58.138Y56.317
G1X68.028Y49.320
G1X73.348Y44.987
G1X75.810Y42.771
G1X77.468Y41.911
G1X78.267Y41.650
G1X78.342Y41.696
G1X78.850Y42.168
G1X79.108Y42.734
G1X81.526Y46.514
G1X82.066Y47.278
G1X83.836Y50.371
G1X84.731Y51.911
G2X85.435Y52.748I2.745J-1.595
G1X86.734Y53.838
G2X89.217Y54.551I2.041J-2.432
G1X91.469Y54.234
G2X92.747Y53.759I-0.442J-3.144
G1X96.064Y51.622
G2X96.994Y50.702I-1.719J-2.669
G1X100.419Y45.515
G1X105.520Y39.275
G1X109.528Y34.931

G1X115.477Y30.092
G1X127.420Y22.300
G1X127.596Y22.210
G1X140.735Y15.474
G1X143.917Y13.823
G1X150.104Y10.614
G1X158.266Y6.494
G1X163.221Y3.485
G1X165.027Y1.987
G1X173.749Y-2.132
G1X185.234Y-4.437
G1X197.844Y-6.458
G1X207.756Y-6.224
G1X220.545Y-3.780
G1X230.208Y-1.797
G1X240.678Y0.839
G2X241.290Y0.931I0.775J-3.079
G1X250.071Y1.382
G2X250.658Y1.358I0.163J-3.171
G1X258.083Y0.356
G2X259.663Y-0.329I-0.425J-3.146
G1X266.656Y-6.022
G2X267.631Y-7.385I-2.004J-2.462
G1X272.464Y-20.492
G2X272.648Y-21.863I-2.979J-1.098
G1X271.694Y-32.941
G2X271.033Y-34.623I-3.163J0.272
G1X265.599Y-41.580
G2X264.585Y-42.430I-2.502J1.954
G1X255.182Y-47.421
G2X253.785Y-47.790I-1.489J2.804
G1X239.791Y-48.194
G2X239.277Y-48.167I-0.092J3.174
G1X230.844Y-47.036
G1X223.453Y-46.140
G1X216.381Y-45.216
G1X208.882Y-45.206
G1X201.886Y-46.657
G1X195.007Y-48.253
G1X189.841Y-50.332
G1X184.729Y-52.855
G1X178.741Y-57.485
G1X175.635Y-63.991
G1X174.652Y-103.817
G2X174.544Y-104.565I-3.174J0.078
G1X173.746Y-107.524
G2X173.183Y-108.651I-3.065J0.827
G1X171.502Y-110.804
G2X171.154Y-111.183I-2.503J1.953
G1X168.522Y-113.613
G2X167.751Y-114.139I-2.154J2.332
G1X164.740Y-115.596
G1X162.308Y-116.407
G1X159.199Y-117.071
G1X156.556Y-117.569
G1X152.702Y-118.099

G1X145.066Y-118.119
G1X126.716Y-118.168
G1X-208.762Y-119.060
G1X-227.112Y-119.108
G1X-262.302Y-119.202
G1X-268.155Y-118.565
G2X-270.303Y-117.376I0.344J3.156
G1X-271.829Y-115.445
G2X-272.508Y-113.631I2.492J1.968
G1X-272.660Y-110.502
G1X-271.849Y-9.894
G1X-271.412Y-7.168
G2X-270.786Y-5.726I3.135J-0.503
G1X-269.524Y-4.098
G2X-268.926Y-3.508I2.509J-1.945
G1X-268.403Y-3.113
G1X-267.786Y-2.684
G1X-267.136Y-2.263
G1X-266.441Y-1.839
G1X-265.002Y-1.021
G1X-263.438Y-0.198
G1X-261.784Y0.623
G1X-260.055Y1.443
G1X-256.514Y3.050
G1X-252.987Y4.603
G1X-249.690Y6.061
G1X-248.208Y6.735
G1X-246.872Y7.365
G1X-245.719Y7.939
G1X-244.873Y8.397
G1X-236.388Y14.298
G1X-229.375Y22.502
G1X-228.862Y23.322
G1X-228.082Y24.523
G1X-227.256Y25.818
G1X-226.856Y26.470
G1X-226.468Y27.131
G1X-226.105Y27.786
G1X-225.775Y28.424
G1X-225.488Y29.034
G1X-225.253Y29.602
G1X-225.076Y30.112
G1X-224.950Y30.582
G1X-224.921Y30.728
G1X-224.900Y30.878
G1X-224.890Y30.996
G1X-224.886Y31.198
G2X-224.719Y32.165I3.175J-0.052
G1X-222.855Y37.666
G2X-221.418Y39.407I3.007J-1.019
G1X-219.592Y40.446
G2X-216.271Y40.334I1.569J-2.760
G1X-214.196Y38.961
G2X-213.519Y38.359I-1.751J-2.648
G1X-211.295Y35.720
G1X-207.816Y31.974

G1X-206.668Y31.113
G1X-205.204Y31.461
G2X-204.326Y31.544I0.735J-3.089
G1X-201.456Y31.415
G2X-200.001Y30.986I-0.143J-3.172
G1X-197.784Y29.694
G2X-197.115Y29.174I-1.599J-2.743
G1X-195.104Y27.122
G2X-194.360Y25.906I-2.267J-2.223
G1X-193.689Y23.896
G1X-191.900Y20.017
G1X-188.492Y11.783
G1X-188.372Y11.355
G1X-187.596Y11.883
G1X-185.660Y13.494
G1X-185.242Y13.933
G1X-182.687Y16.614
G1X-179.852Y19.273
G1X-174.580Y24.444
G1X-169.559Y28.150
G2X-169.053Y28.456I1.886J-2.554
G1X-162.840Y31.452
G1X-156.046Y34.269
G1X-148.145Y36.232
G1X-135.770Y42.429
G1X-133.396Y43.897
G1X-129.178Y46.505
G1X-124.551Y49.950
G1X-123.942Y50.403
G1X-118.909Y55.070
G1X-115.135Y58.571
G1X-112.431Y62.423
G1X-106.745Y70.526
G1X-103.400Y75.918
G1X-101.929Y78.405
G2X-101.630Y78.827I2.733J-1.617
G1X-97.556Y83.692
G1X-92.390Y89.722
G2X-92.026Y90.083I2.411J-2.066
G1X-86.974Y94.345
G1X-81.686Y98.323
G1X-71.529Y108.801
G1X-66.934Y113.808
G1X-62.586Y117.269
G2X-61.870Y117.698I1.977J-2.484
G1X-59.438Y118.751
G2X-58.371Y119.007I1.261J-2.914
G1X-55.294Y119.196
G2X-53.311Y118.650I0.195J-3.169
G1X-50.220Y116.543
G2X-49.820Y116.220I-1.788J-2.623
G1X-46.697Y113.249
G2X-46.265Y112.741I-2.188J-2.300
G1X-43.294Y108.397
G1X-40.043Y101.955
G1X-34.545Y94.455

G1X-28.707Y87.786
G1X-22.387Y83.193
G1X-17.316Y78.352
G1X-14.983Y76.695
G1X-12.965Y75.868
G1X-11.659Y75.713
G1Z-11.275F1016.0
G1X-9.671Y76.192F2032.0
G1X-8.245Y76.877
G1X-5.658Y78.729
G1X1.155Y86.924
G1X3.405Y89.732
G2X4.054Y90.342I2.477J-1.986
G1X6.218Y91.866
G2X7.282Y92.352I1.829J-2.596
G1X9.189Y92.825
G2X11.208Y92.660I0.765J-3.082
G1X14.065Y91.431
G2X14.603Y91.135I-1.255J-2.917
G1X22.311Y85.863
G2X22.828Y85.421I-1.793J-2.621
G1X35.278Y72.219
G1X42.184Y66.444
G1X49.249Y61.439
G1X58.138Y56.317
G1X68.028Y49.320
G1X73.348Y44.987
G1X75.810Y42.771
G1X77.468Y41.911
G1X78.267Y41.650
G1X78.342Y41.696
G1X78.850Y42.168
G1X79.108Y42.734
G1X81.526Y46.514
G1X82.066Y47.278
G1X83.836Y50.371
G1X84.731Y51.911
G2X85.435Y52.748I2.745J-1.595
G1X86.734Y53.838
G2X89.217Y54.551I2.041J-2.432
G1X91.469Y54.234
G2X92.747Y53.759I-0.442J-3.144
G1X96.064Y51.622
G2X96.994Y50.702I-1.719J-2.669
G1X100.419Y45.515
G1X105.520Y39.275
G1X109.528Y34.931
G1X115.477Y30.092
G1X127.420Y22.300
G1X127.596Y22.210
G1X140.735Y15.474
G1X143.917Y13.823
G1X150.104Y10.614
G1X158.266Y6.494
G1X163.221Y3.485
G1X165.027Y1.987

G1X173.749Y-2.132
G1X185.234Y-4.437
G1X197.844Y-6.458
G1X207.756Y-6.224
G1X220.545Y-3.780
G1X230.208Y-1.797
G1X240.678Y0.839
G2X241.290Y0.931I0.775J-3.079
G1X250.071Y1.382
G2X250.658Y1.358I0.163J-3.171
G1X258.083Y0.356
G2X259.663Y-0.329I-0.425J-3.146
G1X266.656Y-6.022
G2X267.631Y-7.385I-2.004J-2.462
G1X272.464Y-20.492
G2X272.648Y-21.863I-2.979J-1.098
G1X271.694Y-32.941
G2X271.033Y-34.623I-3.163J0.272
G1X265.599Y-41.580
G2X264.585Y-42.430I-2.502J1.954
G1X255.182Y-47.421
G2X253.785Y-47.790I-1.489J2.804
G1X239.791Y-48.194
G2X239.277Y-48.167I-0.092J3.174
G1X230.844Y-47.036
G1X223.453Y-46.140
G1X216.381Y-45.216
G1X208.882Y-45.206
G1X201.886Y-46.657
G1X195.007Y-48.253
G1X189.841Y-50.332
G1X184.729Y-52.855
G1X178.741Y-57.485
G1X175.635Y-63.991
G1X174.652Y-103.817
G2X174.544Y-104.565I-3.174J0.078
G1X173.746Y-107.524
G2X173.183Y-108.651I-3.065J0.827
G1X171.502Y-110.804
G2X171.154Y-111.183I-2.503J1.953
G1X168.522Y-113.613
G2X167.751Y-114.139I-2.154J2.332
G1X164.740Y-115.596
G1X162.308Y-116.407
G1X159.199Y-117.071
G1X156.556Y-117.569
G1X152.702Y-118.099
G1X145.066Y-118.119
G1X126.716Y-118.168
G1X-208.762Y-119.060
G1X-227.112Y-119.108
G1X-262.302Y-119.202
G1X-268.155Y-118.565
G2X-270.303Y-117.376I0.344J3.156
G1X-271.829Y-115.445
G2X-272.508Y-113.631I2.492J1.968

G1X-272.660Y-110.502
G1X-271.849Y-9.894
G1X-271.412Y-7.168
G2X-270.786Y-5.726I3.135J-0.503
G1X-269.524Y-4.098
G2X-268.926Y-3.508I2.509J-1.945
G1X-268.403Y-3.113
G1X-267.786Y-2.684
G1X-267.136Y-2.263
G1X-266.441Y-1.839
G1X-265.002Y-1.021
G1X-263.438Y-0.198
G1X-261.784Y0.623
G1X-260.055Y1.443
G1X-256.514Y3.050
G1X-252.987Y4.603
G1X-249.690Y6.061
G1X-248.208Y6.735
G1X-246.872Y7.365
G1X-245.719Y7.939
G1X-244.873Y8.397
G1X-236.388Y14.298
G1X-229.375Y22.502
G1X-228.862Y23.322
G1X-228.082Y24.523
G1X-227.256Y25.818
G1X-226.856Y26.470
G1X-226.468Y27.131
G1X-226.105Y27.786
G1X-225.775Y28.424
G1X-225.488Y29.034
G1X-225.253Y29.602
G1X-225.076Y30.112
G1X-224.950Y30.582
G1X-224.921Y30.728
G1X-224.900Y30.878
G1X-224.890Y30.996
G1X-224.886Y31.198
G2X-224.719Y32.165I3.175J-0.052
G1X-222.855Y37.666
G2X-221.418Y39.407I3.007J-1.019
G1X-219.592Y40.446
G2X-216.271Y40.334I1.569J-2.760
G1X-214.196Y38.961
G2X-213.519Y38.359I-1.751J-2.648
G1X-211.295Y35.720
G1X-207.816Y31.974
G1X-206.668Y31.113
G1X-205.204Y31.461
G2X-204.326Y31.544I0.735J-3.089
G1X-201.456Y31.415
G2X-200.001Y30.986I-0.143J-3.172
G1X-197.784Y29.694
G2X-197.115Y29.174I-1.599J-2.743
G1X-195.104Y27.122
G2X-194.360Y25.906I-2.267J-2.223

G1X-193.689Y23.896
G1X-191.900Y20.017
G1X-188.492Y11.783
G1X-188.372Y11.355
G1X-187.596Y11.883
G1X-185.660Y13.494
G1X-185.242Y13.933
G1X-182.687Y16.614
G1X-179.852Y19.273
G1X-174.580Y24.444
G1X-169.559Y28.150
G2X-169.053Y28.456I1.886J-2.554
G1X-162.840Y31.452
G1X-156.046Y34.269
G1X-148.145Y36.232
G1X-135.770Y42.429
G1X-133.396Y43.897
G1X-129.178Y46.505
G1X-124.551Y49.950
G1X-123.942Y50.403
G1X-118.909Y55.070
G1X-115.135Y58.571
G1X-112.431Y62.423
G1X-106.745Y70.526
G1X-103.400Y75.918
G1X-101.929Y78.405
G2X-101.630Y78.827I2.733J-1.617
G1X-97.556Y83.692
G1X-92.390Y89.722
G2X-92.026Y90.083I2.411J-2.066
G1X-86.974Y94.345
G1X-81.686Y98.323
G1X-71.529Y108.801
G1X-66.934Y113.808
G1X-62.586Y117.269
G2X-61.870Y117.698I1.977J-2.484
G1X-59.438Y118.751
G2X-58.371Y119.007I1.261J-2.914
G1X-55.294Y119.196
G2X-53.311Y118.650I0.195J-3.169
G1X-50.220Y116.543
G2X-49.820Y116.220I-1.788J-2.623
G1X-46.697Y113.249
G2X-46.265Y112.741I-2.188J-2.300
G1X-43.294Y108.397
G1X-40.043Y101.955
G1X-34.545Y94.455
G1X-28.707Y87.786
G1X-22.387Y83.193
G1X-17.316Y78.352
G1X-14.983Y76.695
G1X-12.965Y75.868
G1X-11.659Y75.713
G1Z-16.913F1016.0
G1X-9.671Y76.192F2032.0
G1X-8.245Y76.877

G1X-5.658Y78.729
G1X1.155Y86.924
G1X3.405Y89.732
G2X4.054Y90.342I2.477J-1.986
G1X6.218Y91.866
G2X7.282Y92.352I1.829J-2.596
G1X9.189Y92.825
G2X11.208Y92.660I0.765J-3.082
G1X14.065Y91.431
G2X14.603Y91.135I-1.255J-2.917
G1X22.311Y85.863
G2X22.828Y85.421I-1.793J-2.621
G1X35.278Y72.219
G1X42.184Y66.444
G1X49.249Y61.439
G1X58.138Y56.317
G1X68.028Y49.320
G1X73.348Y44.987
G1X75.810Y42.771
G1X77.468Y41.911
G1X78.267Y41.650
G1X78.342Y41.696
G1X78.850Y42.168
G1X79.108Y42.734
G1X81.526Y46.514
G1X82.066Y47.278
G1X83.836Y50.371
G1X84.731Y51.911
G2X85.435Y52.748I2.745J-1.595
G1X86.734Y53.838
G2X89.217Y54.551I2.041J-2.432
G1X91.469Y54.234
G2X92.747Y53.759I-0.442J-3.144
G1X96.064Y51.622
G2X96.994Y50.702I-1.719J-2.669
G1X100.419Y45.515
G1X105.520Y39.275
G1X109.528Y34.931
G1X115.477Y30.092
G1X127.420Y22.300
G1X127.596Y22.210
G1X140.735Y15.474
G1X143.917Y13.823
G1X150.104Y10.614
G1X158.266Y6.494
G1X163.221Y3.485
G1X165.027Y1.987
G1X173.749Y-2.132
G1X185.234Y-4.437
G1X197.844Y-6.458
G1X207.756Y-6.224
G1X220.545Y-3.780
G1X230.208Y-1.797
G1X240.678Y0.839
G2X241.290Y0.931I0.775J-3.079
G1X250.071Y1.382

G2X250.658Y1.358I0.163J-3.171
G1X258.083Y0.356
G2X259.663Y-0.329I-0.425J-3.146
G1X266.656Y-6.022
G2X267.631Y-7.385I-2.004J-2.462
G1X272.464Y-20.492
G2X272.648Y-21.863I-2.979J-1.098
G1X271.694Y-32.941
G2X271.033Y-34.623I-3.163J0.272
G1X265.599Y-41.580
G2X264.585Y-42.430I-2.502J1.954
G1X255.182Y-47.421
G2X253.785Y-47.790I-1.489J2.804
G1X239.791Y-48.194
G2X239.277Y-48.167I-0.092J3.174
G1X230.844Y-47.036
G1X223.453Y-46.140
G1X216.381Y-45.216
G1X208.882Y-45.206
G1X201.886Y-46.657
G1X195.007Y-48.253
G1X189.841Y-50.332
G1X184.729Y-52.855
G1X178.741Y-57.485
G1X175.635Y-63.991
G1X174.652Y-103.817
G2X174.544Y-104.565I-3.174J0.078
G1X173.746Y-107.524
G2X173.183Y-108.651I-3.065J0.827
G1X171.502Y-110.804
G2X171.154Y-111.183I-2.503J1.953
G1X168.522Y-113.613
G2X167.751Y-114.139I-2.154J2.332
G1X164.740Y-115.596
G1X162.308Y-116.407
G1X159.199Y-117.071
G1X156.556Y-117.569
G1X152.702Y-118.099
G1X145.066Y-118.119
G1X126.716Y-118.168
G1X-208.762Y-119.060
G1X-227.112Y-119.108
G1X-262.302Y-119.202
G1X-268.155Y-118.565
G2X-270.303Y-117.376I0.344J3.156
G1X-271.829Y-115.445
G2X-272.508Y-113.631I2.492J1.968
G1X-272.660Y-110.502
G1X-271.849Y-9.894
G1X-271.412Y-7.168
G2X-270.786Y-5.726I3.135J-0.503
G1X-269.524Y-4.098
G2X-268.926Y-3.508I2.509J-1.945
G1X-268.403Y-3.113
G1X-267.786Y-2.684
G1X-267.136Y-2.263

G1X-266.441Y-1.839
G1X-265.002Y-1.021
G1X-263.438Y-0.198
G1X-261.784Y0.623
G1X-260.055Y1.443
G1X-256.514Y3.050
G1X-252.987Y4.603
G1X-249.690Y6.061
G1X-248.208Y6.735
G1X-246.872Y7.365
G1X-245.719Y7.939
G1X-244.873Y8.397
G1X-236.388Y14.298
G1X-229.375Y22.502
G1X-228.862Y23.322
G1X-228.082Y24.523
G1X-227.256Y25.818
G1X-226.856Y26.470
G1X-226.468Y27.131
G1X-226.105Y27.786
G1X-225.775Y28.424
G1X-225.488Y29.034
G1X-225.253Y29.602
G1X-225.076Y30.112
G1X-224.950Y30.582
G1X-224.921Y30.728
G1X-224.900Y30.878
G1X-224.890Y30.996
G1X-224.886Y31.198
G2X-224.719Y32.165I3.175J-0.052
G1X-222.855Y37.666
G2X-221.418Y39.407I3.007J-1.019
G1X-219.592Y40.446
G2X-216.271Y40.334I1.569J-2.760
G1X-214.196Y38.961
G2X-213.519Y38.359I-1.751J-2.648
G1X-211.295Y35.720
G1X-207.816Y31.974
G1X-206.668Y31.113
G1X-205.204Y31.461
G2X-204.326Y31.544I0.735J-3.089
G1X-201.456Y31.415
G2X-200.001Y30.986I-0.143J-3.172
G1X-197.784Y29.694
G2X-197.115Y29.174I-1.599J-2.743
G1X-195.104Y27.122
G2X-194.360Y25.906I-2.267J-2.223
G1X-193.689Y23.896
G1X-191.900Y20.017
G1X-188.492Y11.783
G1X-188.372Y11.355
G1X-187.596Y11.883
G1X-185.660Y13.494
G1X-185.242Y13.933
G1X-182.687Y16.614
G1X-179.852Y19.273

G1X-174.580Y24.444
G1X-169.559Y28.150
G2X-169.053Y28.456I1.886J-2.554
G1X-162.840Y31.452
G1X-156.046Y34.269
G1X-148.145Y36.232
G1X-135.770Y42.429
G1X-133.396Y43.897
G1X-129.178Y46.505
G1X-124.551Y49.950
G1X-123.942Y50.403
G1X-118.909Y55.070
G1X-115.135Y58.571
G1X-112.431Y62.423
G1X-106.745Y70.526
G1X-103.400Y75.918
G1X-101.929Y78.405
G2X-101.630Y78.827I2.733J-1.617
G1X-97.556Y83.692
G1X-92.390Y89.722
G2X-92.026Y90.083I2.411J-2.066
G1X-86.974Y94.345
G1X-81.686Y98.323
G1X-71.529Y108.801
G1X-66.934Y113.808
G1X-62.586Y117.269
G2X-61.870Y117.698I1.977J-2.484
G1X-59.438Y118.751
G2X-58.371Y119.007I1.261J-2.914
G1X-55.294Y119.196
G2X-53.311Y118.650I0.195J-3.169
G1X-50.220Y116.543
G2X-49.820Y116.220I-1.788J-2.623
G1X-46.697Y113.249
G2X-46.265Y112.741I-2.188J-2.300
G1X-43.294Y108.397
G1X-40.043Y101.955
G1X-34.545Y94.455
G1X-28.707Y87.786
G1X-22.387Y83.193
G1X-17.316Y78.352
G1X-14.983Y76.695
G1X-12.965Y75.868
G1X-11.659Y75.713
G1Z-22.550F1016.0
G1X-9.671Y76.192F2032.0
G1X-8.245Y76.877
G1X-5.658Y78.729
G1X1.155Y86.924
G1X3.405Y89.732
G2X4.054Y90.342I2.477J-1.986
G1X6.218Y91.866
G2X7.282Y92.352I1.829J-2.596
G1X9.189Y92.825
G2X11.208Y92.660I0.765J-3.082
G1X14.065Y91.431

G2X14.603Y91.135I-1.255J-2.917
G1X22.311Y85.863
G2X22.828Y85.421I-1.793J-2.621
G1X35.278Y72.219
G1X42.184Y66.444
G1X49.249Y61.439
G1X58.138Y56.317
G1X68.028Y49.320
G1X73.348Y44.987
G1X75.810Y42.771
G1X77.468Y41.911
G1X78.267Y41.650
G1X78.342Y41.696
G1X78.850Y42.168
G1X79.108Y42.734
G1X81.526Y46.514
G1X82.066Y47.278
G1X83.836Y50.371
G1X84.731Y51.911
G2X85.435Y52.748I2.745J-1.595
G1X86.734Y53.838
G2X89.217Y54.551I2.041J-2.432
G1X91.469Y54.234
G2X92.747Y53.759I-0.442J-3.144
G1X96.064Y51.622
G2X96.994Y50.702I-1.719J-2.669
G1X100.419Y45.515
G1X105.520Y39.275
G1X109.528Y34.931
G1X115.477Y30.092
G1X127.420Y22.300
G1X127.596Y22.210
G1Z-19.550
G1X140.735Y15.474
G1X143.917Y13.823
G1Z-22.550F1016.0
G1X150.104Y10.614F2032.0
G1X158.266Y6.494
G1X163.221Y3.485
G1X165.027Y1.987
G1X173.749Y-2.132
G1X185.234Y-4.437
G1X197.844Y-6.458
G1X207.756Y-6.224
G1X220.545Y-3.780
G1X230.208Y-1.797
G1X240.678Y0.839
G2X241.290Y0.931I0.775J-3.079
G1X250.071Y1.382
G2X250.658Y1.358I0.163J-3.171
G1X258.083Y0.356
G2X259.663Y-0.329I-0.425J-3.146
G1X266.656Y-6.022
G2X267.631Y-7.385I-2.004J-2.462
G1X272.464Y-20.492
G2X272.648Y-21.863I-2.979J-1.098

G1X271.694Y-32.941
G2X271.033Y-34.623I-3.163J0.272
G1X265.599Y-41.580
G2X264.585Y-42.430I-2.502J1.954
G1X255.182Y-47.421
G2X253.785Y-47.790I-1.489J2.804
G1X239.791Y-48.194
G2X239.277Y-48.167I-0.092J3.174
G1X230.844Y-47.036
G1X223.453Y-46.140
G1X216.381Y-45.216
G1X208.882Y-45.206
G1X201.886Y-46.657
G1X195.007Y-48.253
G1X189.841Y-50.332
G1X184.729Y-52.855
G1X178.741Y-57.485
G1X175.635Y-63.991
G1X174.652Y-103.817
G2X174.544Y-104.565I-3.174J0.078
G1X173.746Y-107.524
G2X173.183Y-108.651I-3.065J0.827
G1X171.502Y-110.804
G2X171.154Y-111.183I-2.503J1.953
G1X168.522Y-113.613
G2X167.751Y-114.139I-2.154J2.332
G1X164.740Y-115.596
G1X162.308Y-116.407
G1X159.199Y-117.071
G1X156.556Y-117.569
G1X152.702Y-118.099
G1X145.066Y-118.119
G1Z-19.550
G1X126.716Y-118.168
G1Z-22.550F1016.0
G1X-208.762Y-119.060F2032.0
G1Z-19.550
G1X-227.112Y-119.108
G1Z-22.550F1016.0
G1X-262.302Y-119.202F2032.0
G1X-268.155Y-118.565
G2X-270.303Y-117.376I0.344J3.156
G1X-271.829Y-115.445
G2X-272.508Y-113.631I2.492J1.968
G1X-272.660Y-110.502
G1X-271.849Y-9.894
G1X-271.412Y-7.168
G2X-270.786Y-5.726I3.135J-0.503
G1X-269.524Y-4.098
G2X-268.926Y-3.508I2.509J-1.945
G1X-268.403Y-3.113
G1X-267.786Y-2.684
G1X-267.136Y-2.263
G1X-266.441Y-1.839
G1X-265.002Y-1.021
G1X-263.438Y-0.198

G1X-261.784Y0.623
G1X-260.055Y1.443
G1X-256.514Y3.050
G1X-252.987Y4.603
G1X-249.690Y6.061
G1X-248.208Y6.735
G1X-246.872Y7.365
G1X-245.719Y7.939
G1X-244.873Y8.397
G1X-236.388Y14.298
G1X-229.375Y22.502
G1X-228.862Y23.322
G1X-228.082Y24.523
G1X-227.256Y25.818
G1X-226.856Y26.470
G1X-226.468Y27.131
G1X-226.105Y27.786
G1X-225.775Y28.424
G1X-225.488Y29.034
G1X-225.253Y29.602
G1X-225.076Y30.112
G1X-224.950Y30.582
G1X-224.921Y30.728
G1X-224.900Y30.878
G1X-224.890Y30.996
G1X-224.886Y31.198
G2X-224.719Y32.165I3.175J-0.052
G1X-222.855Y37.666
G2X-221.418Y39.407I3.007J-1.019
G1X-219.592Y40.446
G2X-216.271Y40.334I1.569J-2.760
G1X-214.196Y38.961
G2X-213.519Y38.359I-1.751J-2.648
G1X-211.295Y35.720
G1X-207.816Y31.974
G1X-206.668Y31.113
G1X-205.204Y31.461
G2X-204.326Y31.544I0.735J-3.089
G1X-201.456Y31.415
G2X-200.001Y30.986I-0.143J-3.172
G1X-197.784Y29.694
G2X-197.115Y29.174I-1.599J-2.743
G1X-195.104Y27.122
G2X-194.360Y25.906I-2.267J-2.223
G1X-193.689Y23.896
G1X-191.900Y20.017
G1X-188.492Y11.783
G1X-188.372Y11.355
G1X-187.596Y11.883
G1X-185.660Y13.494
G1X-185.242Y13.933
G1X-182.687Y16.614
G1X-179.852Y19.273
G1X-174.580Y24.444
G1X-169.559Y28.150
G2X-169.053Y28.456I1.886J-2.554

G1X-162.840Y31.452
G1X-156.046Y34.269
G1X-148.145Y36.232
G1X-135.770Y42.429
G1X-133.396Y43.897
G1Z-19.550
G1X-129.178Y46.505
G1X-124.551Y49.950
G1X-123.942Y50.403
G1X-118.909Y55.070
G1Z-22.550F1016.0
G1X-115.135Y58.571F2032.0
G1X-112.431Y62.423
G1X-106.745Y70.526
G1X-103.400Y75.918
G1X-101.929Y78.405
G2X-101.630Y78.827I2.733J-1.617
G1X-97.556Y83.692
G1X-92.390Y89.722
G2X-92.026Y90.083I2.411J-2.066
G1X-86.974Y94.345
G1X-81.686Y98.323
G1X-71.529Y108.801
G1X-66.934Y113.808
G1X-62.586Y117.269
G2X-61.870Y117.698I1.977J-2.484
G1X-59.438Y118.751
G2X-58.371Y119.007I1.261J-2.914
G1X-55.294Y119.196
G2X-53.311Y118.650I0.195J-3.169
G1X-50.220Y116.543
G2X-49.820Y116.220I-1.788J-2.623
G1X-46.697Y113.249
G2X-46.265Y112.741I-2.188J-2.300
G1X-43.294Y108.397
G1X-40.043Y101.955
G1X-34.545Y94.455
G1X-28.707Y87.786
G1X-22.387Y83.193
G1X-17.316Y78.352
G1X-14.983Y76.695
G1X-12.965Y75.868
G1X-11.659Y75.713
G0Z22.860
M5
G0Z23.114
G0X0.000Y0.000
M2